

## MEDICATION DELIVERY SYSTEM AND MONITOR

### ABSTRACT OF THE DISCLOSURE

Systems and methods for the delivery and monitoring of a medication, such as insulin, to a recipient are provided. An exemplary feature-rich system comprises an infusion pump with a control system for controlling medication delivery by the infusion pump and a bolus estimator for estimating an appropriate amount of medication for delivery by the control system with the infusion pump. Estimating the appropriate amount of medication for delivery is based upon one or more settings which each vary according to a setting profile. In other embodiments, the control system comprises a suspend function for temporarily suspending medication delivery by the infusion pump, an alarm profile function for programming a variable alarm volume of the alarm and a simplified menu for controlling the dual wave bolus delivery function.

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